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UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1 53(b))

Attori	ney Docket No.	04144.P001	
First .	Inventor or Appli	cation Identifier	Philip Smith Becker, Jr.
Title	METHOD A	ND APPARATUS	FOR ONLINE GEOGRAPHIC AND USER
Express Mail Label No.			EM014067064US

	ICATION ELEMENTS 600 concerning utility patent application contents	ADDRESS TO:	Assistant Commissioner fo Box Patent Application Washington, DC 20231	r Patents		
1. Applicant of See 37 CF 2. Applicant of See 37 CF 3. Specificate (preferred at a pescrip) - Cross R - Stateme - Referent or a com - Backgro - Brief Su - Brief De - Detaileo - Claim(s) - Abstrace 4. Drawing(s) 5. Oath or Declar a	smittal Form (e.g. PTO/SB/17) original, and a duplicate for fee processing) claims small entity status. R 1.27. ation Total Pages trangement set forth below) tive title of the Invention deferences to Related Applications ent Regarding Fed sponsored R & D lace to sequence listing, a table, inputer program listing appendix bund of the Invention frammary of the Invention frammary of the Drawings (if filed) frammary of the Drawings (if filed) frammary of the Drawings (if filed) frammary of the Disclosure frammary of the Disclosure	S. Nucleotide (if applica a	PROM or CD-R in duplicate, larg mputer Program (Appendix) e and/or Amino Acid Sequence able, all necessary) Computer Readable Form (CFR) Specification Sequence Listing on: i.	Submission pies); or copies N PARTS document(s)) ower of Attorney cable) Copies of IDS Citations		
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can only be relied	upon when a portion has been inadvertently omitted tr	om the submitted applic	alion paris.			
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FEE TRANSMITTAL for FY 2001

Petent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

Complete if Known				
Application Number				
Filing Date				
First Named Inventor	Philip Smith Becker, Jr., et al.			
Examiner Name				
Group Art Unit				
Attorney Docket Number	04144.P001			

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)					
The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:	3. A	DDITI	ONA	L FEE		
Deposit	Large					. . .
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Name Charge Any Additional Fee Required Under 37CFR 1.16 and 1.17	139	130	139	130	Non-English specification	
Applicant claims small entity status.					For filing a request for ex parte reexamination	
See 37 CFR 1.27	112		112		Requesting publication of SIR prior to	
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FEE CALCULATION	115	110	215	55	Extension for response within first month	
	116	390	216		Extension for response within second month	<u></u>
1. FILING FEE	117		217		Extension for response within third month	
Large Entity Small Entity Fee Fee Fee Fee Description Fee Paid		1,390			Extension for response within fourth month	
Code (\$) Code (\$)	i	1,890			Extension for response within fifth month	
101 710 201 355 Utility filing fee \$710	119		219		Notice of Appeal	
106 320 206 160 Design filing fee	120		220		Filing a brief in support of an appeal	
107 490 207 245 Plant filing fee	121		221		Request for oral hearing	
108 710 208 355 Reissue filing fee	i			1,510 55	Petition to institute a public use proceeding Petition to revive - unavoidably	
114 150 214 75 Provisional filing fee	140 141	1,240	240		Petition to revive - unintentionally	
SUBTOTAL (1) (\$) 710.00		1,240			Utility issue fee (or reissue)	
2. EXTRA CLAIM FEES Foo from	143	•	243		Design issue fee	
Extra Claims below Fee Paid	144		244		Plant issue fee	
Total Claims 17 -20** = 0 X \$18.00 = 0.00	122		122		Petitions to the Commissioner	
Independent 5 -3** = 2 X \$80.00 = 160.00	123		123		Petitions related to provisional applications	<u> </u>
Multiple Dependent =	126	240	126	240	Submission of Information Disclosure Stmt	
Large Entity Small Entity	581	40	581	40	Recording each patent assignment per property (times number of properties)	40
Fee Fee Fee Fee Description Code (\$) Code (\$)	146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))	
103 18 203 9 Claims in excess of 20	149	710	249	355	For each additional invention to be	
102 80 202 40 Independent claims in excess of 3					examined (37 CFR 1.129(b))	
104 270 204 135 Multiple Dependent claim	179	710	279	355	Request for Continued Examination (RCE)	
109 80 209 40 **Reissue independent claims over original patent	169	900	169	900	Request for expedited examination of a design application	
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Typed or Printed Name	Eric S. Hyman, Reg. No. 30,139			Reg. Number	
Signature	Centra	Date	11/2/2000	Deposit Account User ID	02-2666

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Method and Apparatus for Online Geographic and User Verification and Restriction Using a GPS System

In many states and counties, online wagering is restricted to specific locations and to certain people. Typically, local laws require that the bettor be of legal age, be in a "suitable" mental state, and be located in a specific geographic area that does not prohibit gambling and/or online wagering. Typically, an online wagering system works as follows:

- 1. User browses to the online wagering site.
- 2. User selects a desired wagering proposition and wager amount, and then transmits his selection to the wagering host.
- 3. If the user has not previously logged in during this session, the system prompts him to do so at this time.
- 4. The system verifies the location and identification of the user.
- 5. If the location and identification are acceptable, the wager is accepted.
- 6. The system notifies the user that the wager has been accepted.
- 7. Repeat steps 2 through 6 as desired.

The invented online bettor location and verification system is used to perform step 4 as well as an additional step to ensure that the user is of proper mental state to wager.

Summary of the Invention

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The invented online bettor location and verification system is to satisfy the geographic and identification requirements demanded of wagering governing bodies such as the Nevada Gaming Commission. In general these governing bodies require that any computer-based wagering system must verify that a bettor is who the bettor says he is and where the bettor says he is before the system will accept a wager.

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Specifically the invented online bettor location and verification system will:

Verify that the better is in a legal location to place a wager.

Verify the identity of the bettor

Determine whether the bettor is of acceptable state of mind for wagering.

Prevent potential users from defeating or bypassing ("spoofing") the system.

Establish a reliable and secure link between the user's computer and the host betting site.

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Brief Description of the Drawings

Figure 1 is a block overview diagram showing a system in which the invention may be utilized.

Figure 2 is a flowchart showing the overall operation of the invention.

Figure 3 is a diagram show the flow of data during operation of the system in which the invention is utilized.

Detailed Description of the Invention

Referring first to Figure 1, the invented online bettor location and verification system includes several components. These include a peripheral hardware device (the "PHD") 11 that in one embodiment attaches to a bettor's personal computer, personal digital assistant, wireless phone or internet appliance (PC) 13 and a software application that resides on a wagering host system 15 that communicates over a communications network 17 such as the Internet with both the PHD and the user's PC in order to validate logons, accept and process bets from bettors. The user's PC is linked to the wagering host via either the Internet or a direct connection and uses any industry-standard browser to communicate with the host. There is no special software resident on the personal computer other than "applets" that are automatically downloaded by the host as needed and a "driver" for the PHD. These software components are in the nature of JavaTM programs, browser plug-in applications, ActiveXTM components or other software technologies to perform certain functions. Their specific implementation details are not needed for an understanding of the invention, and in any event implementation details of such applets and driver are well within the abilities of a person of ordinary skill in the art.

The PHD is linked to the wagering host via the Internet or a direct connection or a closed-loop network and communicates with the host as described below.

The overall operation of the invented online bettor location and verification system is shown in Figures 2 and 3. After accessing an online wagering site:

- (1) The user initiates the logon process either by explicitly sending a logon request or by trying to make a wager at step 47 before he is logged on. The PC encrypts the request by use of an applet and sends it to the host at step 49.
- (2) In either case, the host checks to see if the user is already logged on at step 51. If not, the host sends a message to the user's browser asking the user to enter a personal identification number (PIN) at step 21.

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- (3) The user enters his PIN, which is encrypted and sent back to the host at step 25. The specifics of the encryption performed are not necessary for an understanding of the invention, and any one of numerous well known encryption algorithms may be employed. The encrypted data is received at the host and decrypted at step 27. The host then validates the PIN at step 29. If this is an invalid PIN the wager or logon request is rejected.
- (4) In order to ensure that the user is at the location of the PHD and is also in a proper mental state to wager, the host generates a random sequence of colors or symbols for each of the keys on the PHD device at step 31. The host also generates a random sequence of colors or symbols that will identify the keys on the PHD at step 31. The sequence is encrypted and sent to the PHD, which decrypts the data at step 33.
- (5) The encrypted sequence is also sent to the PC at step 35, where it is decrypted and displayed on the user's screen at step 37.
- (6) The user enters the sequence that was displayed on the PC screen into the keypad on the PHD at step 39. After each key is entered, the colors or symbols associated with the individual keys on the PHD are changed based on the change sequence that was sent in step 31. The resulting sequence of keystrokes is combined with the serial number that is built into the PHD and with the current location of the PHD, which is determined by the GPS module within the PHD. This information is encrypted and sent to the host at step 41. The host decrypts the information at step 43 and performs several checks at step 45. Specifically, it checks the PHD's serial number to ensure that the user is accessing the system using a device assigned to that user as explained below. In addition at step 45, the host verifies that the GPS device and therefore the user who entered the keystrokes into the PHD are in a geographical location that permits on-line wagering. Also at step 45, the host decrypts the sequence and compares the received sequence to the sequence which was sent. If there is a match at step 45, the host approves the logon.
- (7) The host sends a message to the user which is displayed on the monitor of the PC that he is permitted to enter a wager.
- (8) The user enters the wager which the PC encrypts and transmits to the host.

The invented online bettor location and verification system operates to ensure that the bettor's personal computer is in a state or country that allows the wagering that the

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bettor intends to engage in. The location is established by utilizing a GPS device built into the PHD. The PHD connects to the user's personal computer through the PC's serial, USB, FireWire, mouse, keyboard or similar port and receives electrical power via that port. In one embodiment, and referring again to Figure 1, it uses the US Government's GPS satellites 19 to identify the location of the bettor with an accuracy of a few meters. The satellites transmit spread spectrum signals in accordance with a set of prescribed codes as described, for example, in U.S. Patent No. 5,757,916. Other GPS transmitters such as the Nationwide differential GPS service, NDGPS, could also be used. The GPS device is typically implemented as GPS system chip 61 which determines the longitude and latitude of the PHD based on signals received from satellites 19. The PHD transmits this information to the host 15 via the Internet or a closed-loop network. A suitable GPS system chip is available from Philips as its part no. UAA1570HL and SAA1570HL. The host will then use this information to ensure that the PHD is in a legal location to place a wager using a database that defines legal geographic locations.

The invented online bettor location and verification system also verifies that the user is physically at the location of the PHD 11 and personal computer 13 and not operating the computer from a remote location. This is accomplished by having the host software send a unique, random key such as a sequence of several colors or symbols to the PHD at the start of a logon sequence as described above. This sequence is also sent to and displayed on the screen of the user's personal computer. The user must then enter the key directly into PHD keypad 63, using, for example, a color-coded keypad, which is part of the PHD. In a preferred embodiment using a sequenced color or symbol key, after each color or symbol is entered by the user, the colors or symbol of the input keys incorporate different color or symbol LEDs which cause the keys to display a different color or symbol which must be pressed in the correct sequence and within a set period of time, so it will be very difficult to perform this process by remote control. For example, if the sequence is four colors: red, blue, yellow, green, the keys may initially display green, red, yellow, blue. When the user pressed the second or red key, then the keys change their display, to for example, green, yellow, red, blue requiring the user to then press the fourth or blue key. The keys then change color again after the blue key is depressed. If the keys are pressed within the set time, the PHD sends the sequence, along with its serial number and location information provided by the GPS chip to the host. If the keys are not pressed within the set time, a message so indicating along with the serial

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number and location information is sent to the host. This process also enables the system to ensure that the bettor is in a proper state of mind to gamble as explained below. If the user is unable to log on after a predetermined number of consecutive attempts, his account will be automatically suspended for a period of time and a message sent to the system operator. A successful logon while using this system will assure that the user is actually at the location of the PHD and is in a proper mental state to place a bet.

Since the GPS system identifies the location of the PHD for the host and the keystroke entries sent from the PHD to the host show that the bettor who entered the PIN is at the PHD, the location of the bettor can be assured. The location of the PC 13 is also assured to be the same as the PHD because a serial or USB connection requires a relatively short cable between the two connected devices.

The invented online bettor location and verification system also validates the identity of the user. This is accomplished by combining two steps. First, the prospective bettor must initially appear in person at a casino with whom he plans to bet and open an online wagering account. He must identify himself and prove that he is of legal age to wager by showing an acceptable identifying document such as a passport or local driver's license. (This step is required by law in Nevada.) At that time, the user will be issued both a PHD device and a Personal Identification Number (PIN). Each PHD contains a unique built-in serial number, which will be entered into the wagering host database along with the user's name and wagering account information.

The invented system will permit the system operator to select one of two options to assure that the bettor continues to be located at the site of the PHD. This prevents the user from having someone sign on for the bettor at the PHD and then remotely taking control of the computer and place wagers from an unknown, remote location.

With the first option, each time the user places a wager, the system host 15 will transmit a sequence of colors to the user's PC screen 13, which the bettor will have to enter by using the PHD's keypad 63 in exactly the same process as the user accomplished during the logon. If the user does not respond within a predetermined time, the system will not accept the wager.

The second option is similar to the first option, except that the host 15 sends a sequence of colors to the user's PC screen 13 at random time intervals. The user must respond in the same fashion as during logon by entering the colors or symbols by using

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the PHD's keypad 63 within a predetermined time. If at any time the user does not respond within the allowed timeframe, the user will be disconnected from the system.

All logon and wagering-related communication is encrypted using well-known techniques such as 128-bit Secure Socket Layer technology that is part of today's PC systems and is used to secure financial transactions over the net.

All PHD-host communication use private key encryption. Each PHD is assigned a unique 128-bit key, which is stored in flash memory 69 and is inaccessible to the rest of the world. The host has a table of the keys for each of the PHDs that may be linked to the user's PIN. When the user logs in, the host will then know what code to use to encrypt/decrypt all communications with the PHD. Because the encryption is tied to the user's specific PHD, this communication session will only work if the person who logged in has the PHD that was issued to the person who was given that PIN. Further, since the serial number information is encrypted, a user cannot fool the host with software running on the PC since communications from the PHD must include the encrypted serial number.

Since the PHD unit itself will encrypt and decrypt all of these communications, and since the host will only be able to talk with the PHD if it belongs to the person who logged in, it will be virtually impossible to break or spoof this link. This is accomplished by having the host software send a unique key such as a sequence of several colors to the PHD. This sequence is also sent to and displayed on the screen of the user's personal computer. The user must then enter the key directly into PHD keypad 63 by use of a color-coded keypad that is part of the PHD as described above. This will create a secure bi-directional communication path between the PHD and the host.

The system also deters bettors who are under the influence of drugs or alcohol by requiring the user to enter the sequence of colors or symbols into the keypad where the keys are changing colors or symbols after each keystroke. The response must be completed within a predetermined time, or it will "time out" and be deemed a failed logon attempt. Using a predetermined time of, e.g., ten seconds, such a process is extremely difficult to accomplish by an intoxicated or drugged user due to the necessary reaction time required. Moreover, the user's account will be temporarily disabled for a period of time after a predetermined number of consecutive failures to login, so the system will prevent an unsuitable bettor from repeatedly trying to logon until he gets "lucky."

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The connection of the PHD to the user's PC is quite straightforward. When the casino gives the PHD to the user, the casino will also instruct the user to go to a specific location on the casino's web site that will be connected to the wagering host. This location will automatically download and install a software driver for the PHD, if it has not previously been installed.

Thereafter, the user simply plugs the device into the PC's serial or USB port before turning on the PC. Currently available operating systems software such as Microsoft Windows will identify the new device and load the appropriate software.

The flow of information between the PHD, PC and host is essentially invisible to the user, except when the user is required to enter the sequence of data into the PHD and his PIN into the PC as previously described.

The PHD is a self-contained device which includes an external antenna to receive GPS satellite signals, a connector to the serial or USB port of a personal computer. The driver running in the PC enables the PHD to communicate with the host using the PC's connection to the network. It is powered over the serial/USB link and includes:

GPS system chip 61 as described above

Keypad 63 as described above.

Read only memory (ROM 65) to hold the program logic for the GPS system, the keypad management, encryption/decryption and external communication with the host and local PC. The necessary programming can be easily created by a person of ordinary skill in the art based on the description provided herein.

CPU 67 such as a SAA1570HL available from Philips Semiconductor.

Flash memory 69 to store the 128-bit key and encrypted serial number.

Random access memory (RAM 71) to hold downloaded information pertinent to the current session.

Although the present invention has been described in terms of certain preferred embodiments, other embodiments apparent to those of ordinary skill in the art are also within the scope of this invention. In this connection, while having particular application in a wagering environment, the invented system and method could be used whenever geographic location and mental state need to be determined before allowing a remote user access to a host computer. Accordingly, the scope of the invention is intended to be defined only by the claims that follow.

ATTY DOCKET: 04144.P001

CLAIMS

	we Claim:	
1	1.	A verification system comprising:
2	a)	a GPS circuit to generate signals representing a geographic location;
3	b)	means for connecting the system to a network;
4	c)	means for connecting the system to a local computer coupled to said
5	network;	
6	d)	a keypad having a plurality of keys;
7	e)	logic means for:
8		i) communicating with a remote host computer coupled to said network
9	and with said	d local computer;
10		ii) receiving key sequence information from said remote host computer;
11		iii) determining if an attempt has been made to enter a key sequence using
12	said keypad	within a predetermined period of time, and if yes, sending said entered key
13	sequence, a	serial number and geographic information provided by said GPS circuit to
14	said host cor	mputer.
1	2. A ve	rification system comprising:
2	a)	a GPS circuit to generate signals representing a geographic location;
3	b)	means for connecting the system to a network;
4	c)	means for connecting the system to a local computer coupled to said
5	network;	
6	d)	a keypad having a plurality of keys, each key having a changeable color or
7	symbol;	
8	e)	logic means for:
9		i) communicating with a remote host computer coupled to said network
10	and with sai	d local computer;
11		ii) receiving key sequence information from said remote host computer;
12		iii) after a key has been depressed, changing a color or symbol associated
13	with each of	said keys based on said received key sequence;
14		iv) determining if an attempt has been made to enter a key sequence using
15	said keypad	within a predetermined period of time, and if yes, sending said entered key

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sequence, a serial number and geographic information provided by said GPS circuit to said host computer.

- 3. A method for verifying location of a user comprising the steps of:
- a) communicating with a remote host computer coupled to a network and with a local computer coupled to said network;
 - b) receiving key sequence information from said remote host computer;
- c) determining if an attempt has been made to enter a key sequence using a keypad within a predetermined period of time, and if yes, sending said entered key sequence, a serial number and geographic information provided by a GPS circuit to said host computer.
 - 4. A method for verifying location of a user comprising the steps of:
- a) communicating with a remote host computer coupled to a network and with a local computer coupled to said network;
 - b) receiving key sequence information from said remote host computer;
- c) after a key of a keypad has been depressed, changing a color or symbol associated with each key of said keypad based on said received key sequence;
- d) determining if an attempt has been made to enter a key sequence using said keypad within a predetermined period of time, and if yes, sending said entered key sequence, a serial number and geographic information provided by a GPS circuit to said host computer.
- 5. The system defined by Claim 1 wherein said GPS circuit operates to communicate with GPS satellites and generate a latitude and longitude of said GPS circuit using signals received from said satellites.
 - 6. The system defined by Claim 1 wherein said means for connecting the system to a network comprises one of a serial port and a USB port.
 - 7. The system defined by Claim 1 wherein said means for connecting the system to a local computer comprises one of a serial port and a USB port.

8.	The system defined by Claim 1 wherein each of said plurality of key	y S
comprises a	least one LED.	

- 9. The system defined by Claim 1 wherein said logic means comprises a computer program executed by a processor.
- 10. The system defined by Claim 2 wherein said GPS circuit operates to communicate with GPS satellites and generate a latitude and longitude of said GPS circuit using signals received from said satellites.
- 11. The system defined by Claim 2 wherein said means for connecting the system to a network comprises one of a serial port and a USB port.
- 12. The system defined by Claim 2 wherein said means for connecting the system to a local computer comprises one of a serial port and a USB port.
- 13. The system defined by Claim 2 wherein each of said plurality of keys comprises at least one LED.
- 14. The system defined by Claim 2 wherein said logic means comprises a computer program executed by a processor.
- 15. The method defined by Claim 3 wherein if said determining step determines that said entered key sequence was not entered within said predetermined period of time, a message to that effect, said serial number and said geographic information provided by a GPS circuit are sent to said host computer.
- 16. The method defined by Claim 4 wherein if said determining step determines that said entered key sequence was not entered within said predetermined period of time, a message to that effect, said serial number and said geographic information provided by a GPS circuit are sent to said host computer.
 - 17. A method for verifying location of a user comprising the steps of:

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ATTY DOCKET: 04144.P001

a)	communicating with a remote computer coupled to a network and with a
verification sy	stem coupled to said remote computer;

- b) receiving an assigned personal identification number entered by a user at said remote computer and verifying the received personal identification number is valid;
- c) if the received personal identification number is valid, transmitting key sequence information to said remote computer for use by said remote computer and said verification system;
- d) receiving entered key sequence information, a serial number and geographic information provided generated by said verification system;
- e) validating the received key sequence information, serial number and geographic information by comparing the received information with expected key sequence information, serial number and geographic information;
 - f) accepting an entered wager if said received information is validated.

ATTY DOCKET: 04144.P001

15 ABSTRACT

A method and system for determining geographic location and mental state of a user. A GPS circuit is to generate signals representing a geographic location. The system uses a host computer and a local computer connected to each other over a network. A keypad is used to enter provided sequence information which is sent to the host computer if entered within a set period of time along with geographic location information provided by a GPS system and serial number information. The host computer verifies that the sequence information, serial number and geographic location information are as expected and if so, allows a user access to certain information provided by the host system.

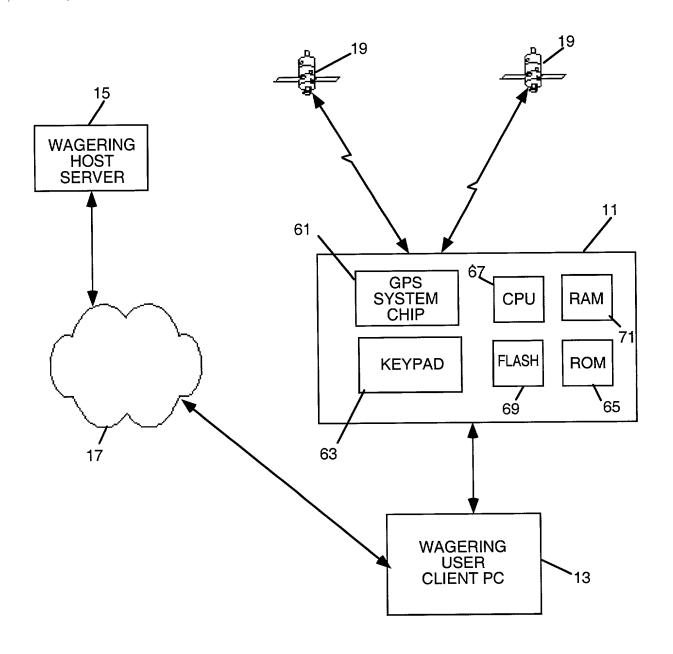


Fig. 1

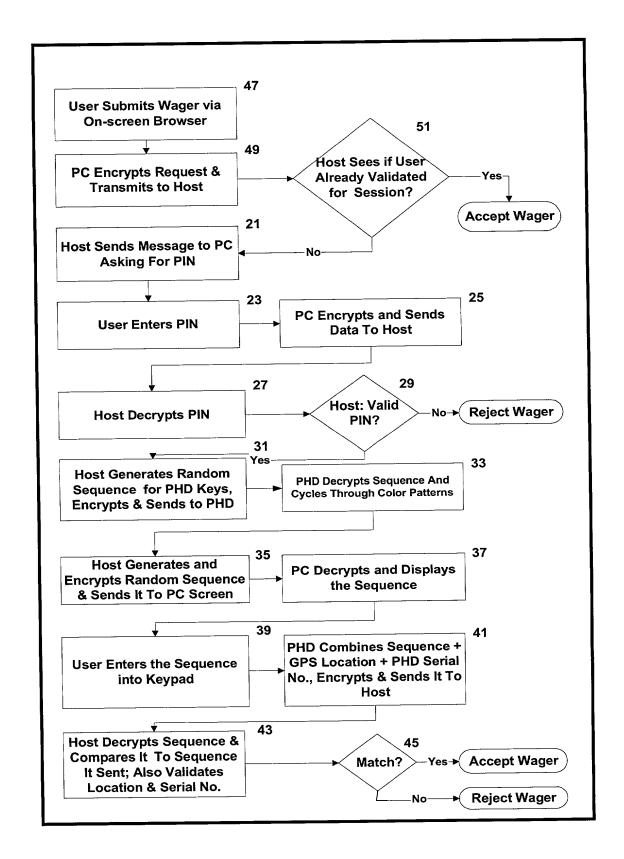


Figure 2

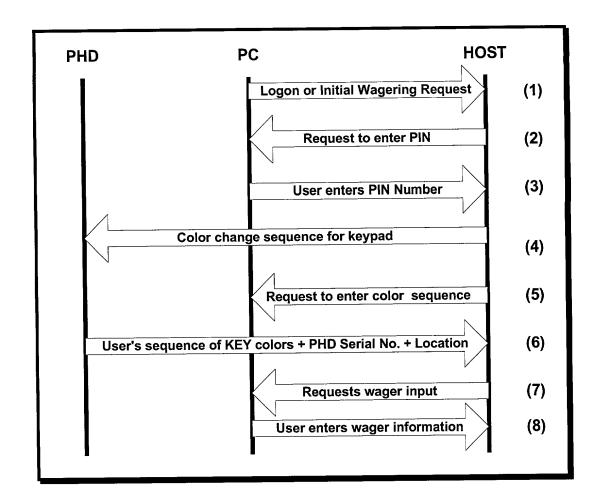


Figure 3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re th	e Application of:	
PHILIP SMITH BECKER, JR., ET AL.		Art Group:
Applic	ation No.:	Examiner:
Filed:		
For:	METHOD AND APPARATUS FOR ONLINE GEOGRAPHIC AND USER VERIFICATION AND RESTRICTION USING A GPS SYSTEM	
Assista Washi	ant Commissioner for Patents ngton, D.C. 20231	
	TRANSMITTAL OF	FORMAL DRAWINGS
Sir:		
	Enclosed herewith for filing in the above-iden	tified U.S. Patent Application are the formal drawings, 3
sheets	including 3 Figures. Applicant hereby authorize	zes any additional extension or petition fees under 37
C.F.R	. §1.17 or credit for any overpayment to our De	eposit Account No. 02-2666. A copy of this sheet is
enclos	sed.	
		Respectfully submitted,
Dated:	ulmhaan	BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN Eric S. Hyman, Reg. No. 30,139

12400 Wilshire Blvd., 7th Floor Los Angeles, California 90025 Telephone: (310) 207-3800

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re tl	ne Application of:	
PHILI	P SMITH BECKER, JR., ET AL.	Art Group:
Applic	ration No.:	Examiner:
Filed:		
For:	METHOD AND APPARATUS FOR ONLINE GEOGRAPHIC AND USER VERIFICATION AND RESTRICTION USING A GPS SYSTEM	
Assista Washi	ant Commissioner for Patents ngton, D.C. 20231	
	TRANSMITTAL OI	F FORMAL DRAWINGS
Sir:		
	Enclosed herewith for filing in the above-ider	ntified U.S. Patent Application are the formal drawings, 3
sheets	including 3 Figures. Applicant hereby authori	izes any additional extension or petition fees under 37
C.F.R.	§1.17 or credit for any overpayment to our D	eposit Account No. 02-2666. A copy of this sheet is
enclos	ed.	
	*	Respectfully submitted,
Dated:	<u>III/Nhoo</u>	BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN Eric S. Hyman, Reg. No. 30,139

12400 Wilshire Blvd., 7th Floor Los Angeles, California 90025 Telephone: (310) 207-3800 Attorney's Docket No.: 04144.P001

the specification of which

DECLARATION AND POWER OF A TORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name.

is attached hereto. was filed on -

I believe I am the original, first, and sole inventor (if only one name is listed below) or any original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHOD AND APPARATUS FOR ONLINE GEOGRAPHIC AND USER VERIFICATION AND RESTRICTION USING A GPS SYSTEM

		or PCT Internation	ication Number — al Application Number —		· -
		and was amended		5	-•
the claim(s), as a claimed invention patented or description to this than one year printentor's certific America on an a utility patent app. I acknowledge the 37, Code of Federal	mended by an massever knows ever know the control of the control o	ny amendment referred a cown or used in the Unite inted publication in any hat the same was not in pication, and that the invertore the date of this application or my legal representation for a design pulses all information knows, Section 1.56.	contents of the above-ident of above. I do not know an additional above. I do not know an additional above and america before my inventional above are on sale in the ention has not been patent ication in any country for resentatives or assigns more application) prior to the to me to be material to	nd do not believe that the my invention thereof, then thereof or more that a United States of Amered or made the subject of eign to the United State is than twelve months (this application.	e or
application(s) for	patent of inve	entor's cemificate listed b	United States Code, Sectional States also identificated at the state of the states are the states as the states are states as a state of the states are states are states as a state of the states are states are	fied below any foreign	_
Prior Foreign Ar	plication(s):				
	LICATION UMBER	COUNTRY (OR INDICATE IF PCT)	DATE OF FILING (day, month, year)	PRIORITY CLAIMED	7
				□No □Yes	
		3.5		□No □Yes	1
				□No □Yes	-
I hereby claim th application(s) list	e benefit unde ed below:	r Title 35. United States	Code, Section 119(e) of	any United States provi	sional
1	ICATION IMBER	FILING DATE			
I hereby claim th	benefit under	Title 35, United States	Code, Section 120 of any	United States applicati	on(s)

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Docket No. 04144.P001

FAX NO. : 3104738519

listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior

application and the national or PCT international filing date of this application:

FROM: YOUBET

Ρg

APPLICATION NUMBER	FILING DATE	STATUS (ISSUED. PENDING, ABANDONED)

I hereby appoint BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP, a firm including: William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. 42,261; William Thomas Babbitt, Reg. No. 39,591; Carol F. Barry, Reg. No. 41,600; Jordan Michael Becker, Reg. No. 39,602; Lisa N. Benado, Reg. No. 39,995; Bradley J. Bereznak, Reg. No. 33,474; Michael A. Bernadicou, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; R. Alan Burnett, Reg. No. 46,149; Gregory D. Caldwell, Reg. No. 39,926; Andrew C. Chen, Reg. No. 43,544; Thomas M. Coester, Reg. No. 39,637; Donna Jo Coningsby, Reg. No. 41,684; Florin A. Corie, Reg. No. 46,244; Dennis M. deGuzman, Reg. No. 41,702; Stephen M. De Klerk, Reg. No. P46,503; Michael Anthony DeSanctis, Reg. No. 39,957; Daniel M. De Vos, Reg. No. 37,813; Sanjeet Dutta, Reg. No. P46,145; Matthew C. Fagan, Reg. No. 37,542; Tarek N. Fahmi, Reg. No. 41,402; George Fountain, Reg. No. 36,374; James Y. Go, Reg. No. 40,621; James A. Henry, Reg. No. 41,064; Willmore F. Holbrow III, Reg. No. 41,845; Sheryl Sue Holloway, Reg. No. 37,850; George W Hoover II, Reg. No. 32,992; Eric S. Hyman, Reg. No. 30,139; William W. Kidd, Reg. No. 31,772; Sang Hui Kim, Reg. No. 40,450; Walter T. Kim, Reg. No. 42,731; Eric T. William W. Kidd, Keg. No. 31, 1/2; Sang Hui Kim, Keg. No. 40,450; Waiter T. Kim, Keg. No. 42,751; Elic T. King, Reg. No. 44,188; George Brian Leavell, Reg. No. 45,436; Gordon R. Lindeen III, Reg. No. 33,192; Jan Carol Little, Reg. No. 41,181; Kurt P. Leyendecker, Reg. No. 42,799; Joseph Lutz, Reg. No. 43,765; Michael J. Mallie, Reg. No. 36,591; Andre L. Marais, under 37 C.F.R. § 10.9(b); Paul A. Mendonsa, Reg. No. 42,879; Clive D. Menezes, Reg. No. 45,493; Chim M. Ng, Reg. No. 36,78; Thien T. Nguyen, Reg. No. 43,835; Thinh V. Nguyen, Reg. No. 42,034; Dennis A. Nicholis, Reg. No. 42,036; Daniel E. Ovanezian, Reg. No. 41,236; Kenneth B. Paley, Reg. No. 38,989; Gregg A. Peacock, Reg. No. 45,001; Marina Portnova, Reg. No. 745,750; William F. Ryann, Reg. 44,313; James H. Salier, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; James C. Scheller, Reg. No. 31,105; Jeffrey S. Schubert, Den. No. 43,008; Jeffrey Sam Swith Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Jeffrey S. Schubert, Reg. No. 43,098; Jeffrey Sam Smith, Reg. No. 39,377; Maria McCormack Sobrino, Reg. No. 31,639; Stanley W. Sokoloff, Reg. No. 25,128; Edwin H. Taylor, Reg. No. 25,129; John F. Travis, Reg. No. 43,203; Joseph A. Twarowski, Reg. No. 42,191; Thomas A. Van Zandt, Reg. No. 43.219; Lester J. Vincent, Reg. No. 31,460; Glenn E. Von Tersch, Reg. No. 41.364; John Patrick Ward, Reg. No. 40,216; Mark L. Watson, Reg. No. P46,322; Thomas C. Webster, Reg. No. P46,154; and Norman Zafinan, Reg. No. 26,250; my parent attorneys, and Firasat Ali, Reg. No. 45,715; Justin M. Dillon, Reg. No. 42,486; Raul D. Martinez, Reg. No. 46,904; and Richard A, Nakashima, Reg. No. 42,023; my patent agents, with offices located at 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (310) 207-3800, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Docket No. 041	44_P001				Pg 2

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Docket No. 04144.P001

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